

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. (Canceled)

5. (Currently amended) A method for producing a solar cell module comprising:

a step for providing a plurality of solar cell elements each including a semiconductor substrate, having a front surface electrode formed on a light-receiving surface of the a semiconductor substrate thereof, and a back surface electrode formed on a non-light receiving surface of the semiconductor substrate; and

~~connection tabs for interconnecting the surface electrode on the light-receiving surface and the back surface electrode on the non-light receiving surface of the solar cell elements;~~

~~wherein a first solder layer for connecting the surface electrode to the connection tab on the light-receiving surface and a second solder layer for connecting the back surface electrode to the connection tab on the non-light receiving surface have different melting points~~

a step for connecting a first connection tab to the front surface electrode of one of the solar cell elements, through a first solder layer;

a step for connecting a second connection tab to the back surface electrode of another of the solar cell elements, through a second solder layer having a different melting point than the first solder layer; and

a step for connecting the first connection tab to the second connection tab.

6. (Currently amended) The method for producing a solar cell module according to claim 5, wherein the first solder layer ~~with~~ has a higher melting point ~~is a~~ than the second solder layer ~~that covers one of the surface electrode on the light receiving surface of one of the solar cell elements and the back surface electrode on the non-light receiving surface of another one of the solar cell elements adjacent thereto that is connected to the connection tabs temporally earlier than the other one.~~

7. (Currently amended) The method for producing a solar cell module according to claim 6, wherein the first solder layer ~~with higher melting point~~ is substantially free of lead.

8. (Currently amended) The method for producing a solar cell module according to claim 5, wherein the first or the second connection tabs ~~tab~~ are is provided with a through ~~holes~~ hole at a connection ~~areas~~ area between the connection tabs ~~tab~~ and the front surface ~~electrodes~~ electrode or the back surface ~~electrodes~~ electrode.

9. (Currently amended) The method for producing a solar cell module according to claim 5, wherein the connection tabs are connected to a common connection line by means of a solder, and the connection tabs are provided with through holes at connection areas between the connection tabs and the common connection line.

10. (Currently amended) The method for producing a solar cell module according to claim 5, wherein the connection tabs are connected to a common connection line by means of a solder, and the common connection line is provided with through holes at connection areas between the common connection line and the connection tabs.

11. (Currently amended) The method for producing a solar cell module according to claim 5, wherein output wires connected to the solar cell elements are connected to terminals of a terminal box by means of a solder, and the output wires are provided with through holes at connection areas between the output wires and the terminals.

12. (Currently amended) The method for producing a solar cell module according to claim 5, wherein output wires connected to the solar cell elements are connected to terminals of a terminal box by means of a solder, and the terminals are provided with through holes at connection areas between the terminals and the output wires.

13-22. (Canceled)

23. (New) The method for producing a solar cell module according to claim 5, further comprising coating a surface of the electrode with the solder layer before the step for connecting a first connection tab to the front surface electrode of one of the solar cell elements, through a first solder layer; the step for connecting a second connection tab to the back surface electrode of another of the solar cell elements, through a second solder layer having a different melting point than the first solder layer; and the step for connecting the first connection tab to the second connection tab.

24. (New) The method for producing a solar cell module according to claim 5, further comprising coating a surface of the connection tab with the solder layer before the step for connecting a first connection tab to the front surface electrode of one of the solar cell elements, through a first solder layer; the step for connecting a second connection tab to the back surface electrode of another of the solar cell

elements, through a second solder layer having a different melting point than the first solder layer; and the step for connecting the first connection tab to the second connection tab.

25. (New) A method for producing a solar cell module, comprising:

a step for providing a solar cell element having a front surface electrode formed on a light-receiving surface of a semiconductor substrate thereof, and a back surface electrode formed on a non-light receiving surface of the semiconductor substrate;

a step for connecting a first connection tab to the front surface electrode or the back surface electrode of the solar cell element, through a first solder layer; and

a step for connecting a second connection tab to an electrode of the solar cell element to which the first connection tab is not connected, through the second solder layer having a lower melting point than the first solder layer, after performing the above step for connecting the first connection tab.

26. (New) The method for producing a solar cell module according to claim 25, wherein the first solder layer is substantially free of lead.

27. (New) The method for producing a solar cell module according to claim 25, wherein the first or the second connection tab is provided with a through hole at a connection area between the connection tab and the front surface electrode or the back surface electrode.

28. (New) The method for producing a solar cell module according to claim 25, wherein the connection tabs are connected to a common connection line by means of

a solder, and the connection tabs are provided with through holes at connection areas between the connection tabs and the common connection line.

29. (New) The method for producing a solar cell module according to claim 25, wherein the connection tabs are connected to a common connection line by means of a solder, and the common connection line is provided with through holes at connection areas between the common connection line and the connection tabs.

30. (New) The method for producing a solar cell module according to claim 25, wherein output wires connected to the solar cell elements are connected to terminals of a terminal box by means of a solder, and the output wires are provided with through holes at connection areas between the output wires and the terminals.

31. (New) The method for producing a solar cell module according to claim 25, wherein output wires connected to the solar cell elements are connected to terminals of a terminal box by means of a solder, and the terminals are provided with through holes at connection areas between the terminals and the output wires.

32. (New) The method for producing a solar cell module according to claim 26, further comprising coating a surface of the electrode with the solder layer before the step for connecting a first connection tab to the front surface electrode or the back surface electrode of the solar cell element, through a first solder layer; and the step for connecting a second connection tab to an electrode of the solar cell element to which the first connection tab is not connected, through the second solder layer having a lower melting point than the first solder layer, after performing the above step for connecting the first connection tab.

33. (New) The method for producing a solar cell module according to claim 26, further comprising coating a surface of the connection tab with the solder layer before the step for connecting a first connection tab to the front surface electrode or the back surface electrode of the solar cell element, through a first solder layer; and the step for connecting a second connection tab to an electrode of the solar cell element to which the first connection tab is not connected, through the second solder layer having a lower melting point than the first solder layer, after performing the above step for connecting the first connection tab.